

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 99/13459

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04Q7/38

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04Q H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 92 12584 A (MOTOROLA INC) 23 July 1992 (1992-07-23)	9, 12-14, 16-18
Y	claim 5	5, 7, 11, 12
Y	US 5 887 251 A (FEHNEL MICHAEL DAVID) 23 March 1999 (1999-03-23)	5, 7, 11, 12
A	column 12, line 46 - line 65	1

☐ Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

25 February 2000

Date of mailing of the international search report

03/03/2000

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Leouffre, M

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 99/13459

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9212584 A	23-07-1992	US 5077790 A AT 173119 T AU 8769091 A CA 2087841 A,C DE 69130458 D EP 0565528 A FI 930307 A JP 2546756 B JP 6505837 T KR 9600935 B	31-12-1991 15-11-1998 17-08-1992 01-07-1992 10-12-1998 20-10-1993 26-01-1993 23-10-1996 30-06-1994 15-01-1996
US 5887251 A	23-03-1999	AU 5095598 A BR 9712382 A CN 1235746 A EP 0965240 A WO 9819493 A	22-05-1998 31-08-1999 17-11-1999 22-12-1999 07-05-1998